

IN THE CLAIMS:

Please amend Claims 2 and 36 as shown below. The claims, as pending in the subject application, now read as follows:

1. (Previously presented) An image forming system having an image information generation apparatus for generating image information, and an image forming apparatus capable of forming images on both sides of a printing medium on the basis of the image information generated by the image information generation apparatus,

the image information generation apparatus comprising:

image information generation unit adapted to generate image information;

storage unit adapted to store the generated image information to allow identifying whether the image information is first image information to be printed on a first surface of the printing medium or second image information to be printed on a second surface of the printing medium;

first reception unit adapted to receive a first signal to select the first image information or the second image information in order to transmit to the image forming apparatus;

selection unit adapted to select one of the first image information and the second image information on the basis of the first signal received by said first reception unit; and

first transmission unit adapted to transmit the image information selected by said selection unit to the image forming apparatus, and

the image forming apparatus comprising;

second transmission unit adapted to transmit the first signal;

second reception unit adapted to receive the image information transmitted from the image information generation apparatus; and

image forming unit adapted to form an image on the first surface or the second surface of the printing medium on the basis of the image information received by the second reception unit.

2. (Currently amended) The system according to claim 1, wherein said image information generation unit means generates the image information on the basis of PDL data sent from a host computer.

3. (Previously presented) The system according to claim 1, wherein the second transmission unit transmits a request signal for requesting transmission of the image information to the image information generation apparatus, and the second reception unit of the image forming apparatus receives the image information transmitted from the image information generation apparatus in accordance with the transmission of the request signal.

4. (Previously presented) The system according to claim 1, wherein the first transmission unit transmits page information related to image information of a plurality of pages to the image forming apparatus, and the second transmission unit transmits the

request signal for requesting transmission of a page related to the page information to the image information generation apparatus.

5. to 7. (Canceled)

8. (Previously presented) The system according to claim 1, wherein the image forming apparatus further comprises determination unit adapted to determine whether the first image information to be printed on the first surface of the printing medium or the second image information to be printed on the second surface of the printing medium is to be received from the image information generation apparatus, and the second transmission unit transmits the first signal representing a determination result of said determination unit.

9. (Canceled)

10. (Previously presented) The system according to claim 8, wherein said determination unit determines whether the first image information or the second image information to be received on the basis of a convey state of the printing medium.

11. (Previously presented) An image information generation apparatus for generating image information to be transmitted to an image forming apparatus capable of forming images on both sides of a printing medium, comprising:

image generation unit adapted to generate image information;

storage unit adapted to store the generated image information to allow identifying whether the image information is first image information to be printed on a first surface of the printing medium or second image information to be printed on a second surface of the printing medium;

reception unit adapted to receive a first signal to select the first image information or the second image information in order to transmit to the image forming apparatus;

selection unit adapted to select one of the first image information and the second image information on the basis of the first signal received by said reception unit; and

transmission unit adapted to transmit the image information selected by said selection unit to the image forming apparatus.

12. (Previously presented) The apparatus according to claim 11, wherein said image information generation unit generates the image information on the basis of PDL data sent from a host computer.

13. (Previously presented) The apparatus according to claim 11, wherein the transmission unit transmits page information related to image information of a plurality of pages to the image forming apparatus.

14. (Canceled)

15. (Previously presented) The apparatus according to claim 13, wherein said apparatus sends the page information as a pair to be printed on the first and the second surface of the medium, after said image information are made ready to transmit.

16. (Previously presented) An image forming apparatus capable of forming images on both sides of a printing medium on the basis of image information generated by an image information generation apparatus, comprising:

determination unit adapted to determine whether first image information to be printed on a first surface of the printing medium or second image information to be printed on a second surface of the printing medium is to be received from the image information generation apparatus;

transmission unit adapted to transmit a predetermined signal representing a determination result of said determination unit;

reception unit adapted to receive the image information transmitted from the image information generation apparatus; and

image forming unit adapted to form an image on the first surface or the second surface of the printing medium on the basis of the image information received by the reception unit.

17. (Previously presented) The apparatus according to claim 16, wherein the transmission unit transmits a request signal for requesting transmission of the page information to the image information generation apparatus.

18. (Canceled)

19. (Previously presented) The apparatus according to claim 16, wherein the reception unit receives page information related to image information of a plurality of pages from the image information generation apparatus, and the transmission unit transmits a request signal for requesting transmission of a page related to the page information to the image information generation apparatus.

20. (Previously presented) The apparatus according to claim 16, wherein said apparatus further comprises unit adapted to determine whether the first image information to be printed on the first surface of the printing medium or the second image information to be printed on the second surface of the printing medium is to be received from the image information generation apparatus, and the transmission unit transmits the predetermined signal representing a determination result of said determination unit.

21. (Previously presented) An image forming method having an image information generation module for generating image information, and an image forming module capable of forming images on both sides of a printing medium on the basis of the image information generated by the image information generation module,

the image information generation module comprising:

an image information generation step of generating image information;

a storage step of storing the generated image information to allow identifying whether the image information is first image information to be printed on a first surface of the printing medium or second image information to be printed on a second surface of the printing medium;

a first reception step of receiving a first signal to select the first image information or the second image information in order to transmit to the image forming module;

a selection step of selecting one of the first image information and the second image information on the basis of the first signal received by said first reception step; and

a first transmission step of transmitting the image information selected by said selection step to the image forming module, and

the image forming module comprising steps of:

a second transmission step of transmitting the first signal;

a second reception step of receiving the image information transmitted from the image information generation module; and

an image forming step of forming an image on the first surface or the second surface of the printing medium on the basis of the image information received by the second reception step.

22. (Original) The method according to claim 21, wherein said image information generation step generates the image information on the basis of PDL data sent from a host computer.

23. (Previously presented) The method according to claim 21, wherein the second transmission step transmits a request signal requesting transmission of the image information to the image information generation module, and the second reception step of the image forming module receives the image information transmitted from the image information generation module in accordance with the transmission of the request signal.

24. (Previously presented) The method according to claim 21, wherein the first transmission step transmits page information related to image information of a plurality of pages to the image forming module, and the second transmission step transmits the request signal for requesting transmission of a page related to the page information to the image information generation module.

25. to 27. (Canceled)

28. (Previously presented) The method according to claim 21, wherein the image forming module further comprises a determination step of determining whether the first image information to be printed on the first surface of the printing medium or the second image information to be printed on the second surface of the printing medium is to be received from the image information generation module, and the second transmission step transmits the first signal representing a determination result of said determination step.

29. (Canceled)



30. (Previously presented) The method according to claim 28, wherein said determination step determines whether the first image information or the second image information is to be received on the basis of a convey state of the printing medium.

31. (Previously presented) An image information generation method for generating image information to be transmitted to an image forming module capable of forming images on both sides of a printing medium, comprising:

an image generation step of generating image information;

a storage step of storing the generated image information to allow identifying whether the image information is first image information to be printed on a first surface of the printing medium or second image information to be printed on a second surface of the printing medium;

a reception step of receiving a first signal to select the first image information or the second image information in order to transmit to the image forming module;

a selection step of selecting one of the first image information and the second image information on the basis of the first signal received by said reception step; and

a transmission step of transmitting the image information selected by said selection step to the image forming module.

32. (Original) The method according to claim 31, wherein said image information generation step generates the image information on the basis of PDL data sent from a host computer.

33. (Previously presented) The method according to claim 31, wherein the transmission step transmits page information related to image information of a plurality of page to the image forming module.

34. and 35. (Canceled)

36. (Currently amended) An image forming method capable of forming images on both sides of a printing medium on the basis of image information generated by an image information generation module, comprising:

a determination step of determining whether first image information to be printed on a first surface of the printing medium or second image information to be printed on a second surface of the printing medium is to be received from the image information generation module;

a transmission step of transmitting a predetermined signal representing a determination result of said determination step;

a reception step of receiving the image information transmitted from the image information generation module; and

an image forming step of forming an image on the first surface or the second surface of the printing medium on the basis of the image information received by the reception step.

37. (Previously presented) The method according to claim 36, wherein the transmission step transmits a request signal requesting transmission of the page information to the image generation module.

38. (Canceled)

39. (Previously presented) The method according to claim 36, wherein the reception step receives page information related to image information of a plurality of pages from the image information generation module, and the transmission step transmits a request signal for requesting transmission of a page related to the page information to the image generation module.

40. (Previously presented) The method according to claim 36, wherein said method further comprises a determination step of determining whether the first image information to be printed on the first surface of the printing medium or the second image information to be printed on the second surface of the printing medium is to be received from the image information generation module, and the transmission step transmits the predetermined signal representing a determination result of said determination step.